

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

- 2 -

Commissioner for Patents**AMENDMENTS TO THE CLAIMS**

1. (CURRENTLY AMENDED) A turning device for use in concert with a conveyor adapted to feed elongated wood pieces one-by-one to the turning device, comprising:

a guide having a main section and a secondary section;

at least one turning member engaged to said guide, the at least one turning member being moveable between said main section of said guide and said secondary section of said guide ~~an idle position and an operational position;~~

a carrier for displacing said at least one turning member in said guide;

a sensor located upstream of said turning member, for scanning the wood pieces on the conveyor; and

an operator controlled by connected to said sensor and adapted, when actuated by said sensor, to selectively cause said turning member to be displaced from said main section to said secondary section in which said turning member turns ~~to said operational position for turning~~ a given elongated wood piece on the conveyor to a desired position.

2. (CURRENTLY AMENDED) A turning device as defined in Claim 1, wherein ~~said turning member is mounted to a motorised carrier for continuously displacing~~ displaces said turning member adjacent the conveyor, wherein said operator while said turning member is being displaced by said carrier is adapted to selectively move said turning member to said ~~operational position~~ secondary section of said guide.

3. (CURRENTLY AMENDED) A turning device as defined in Claim 2, wherein ~~said carrier drives said turning member along guide~~ is a closed-loop guide.

- 3 -

Commissioner for Patents

4. (WITHDRAWN) ~~A turning device as defined in Claim 3, wherein said guide comprises a main section and a secondary section, wherein in said main section said turning member remains in said idle position, whereas when said turning member engages said secondary section said turning member is displaced to said operational position.~~

5. (CURRENTLY AMENDED) A turning device as defined in Claim 4, wherein said operator comprises a movable deflector adapted to be displaced between first and second positions by said sensor, whereby in said first position said turning member ~~displaces~~ remains in said main section ~~in said idle position~~, whereas in said second position said turning member is guided ~~so as to displace in to~~ for turning a given elongated wood piece on the conveyor to the desired position ~~in said operational position.~~

6. (CURRENTLY AMENDED) A turning device as defined in Claim 5, wherein said deflector is adapted in said second position to ~~sufficiently block~~ said main section for forcing said turning member into said secondary section.

7. (ORIGINAL) A turning device as defined in Claim 6, wherein said deflector is pivotally mounted.

8. (CURRENTLY AMENDED) A turning device as defined in Claim ~~2~~ 1, wherein said carrier comprises at least one closed-loop chain with said turning member being mounted to said chain.

9. (CURRENTLY AMENDED) A turning device as defined in Claim 8, wherein said turning member is pivotally mounted at one end thereof to said chain, another end of said turning member being adapted, when said at least one turning member is in said secondary section of said guide, ~~in said operational~~

- 4 -

Commissioner for Patents

position to contact the given elongated wood piece for turning the latter to the desired position.

10. (CURRENTLY AMENDED) A turning device as defined in Claim ~~4~~ 1, wherein said turning member is pivotally mounted to said carrier, said carrier and said guide being located under a section of the conveyor carrying the elongated wood pieces, said turning member in said secondary section of said guide ~~operational position~~ extending upwardly through a plane defined by the undersurfaces of the elongated wood pieces being carried by the conveyor.

11. (CURRENTLY AMENDED) A turning device as defined in Claim ~~10~~ 1, wherein said turning member comprises a guide pin, said guide comprising a guide track defining said main and secondary sections, said guide pin being engaged in said guide track, said operator being adapted to selectively deflect said guide pin from said main section into said secondary section when said sensor determines that an elongated wood piece has to be turned, whereby while said guide pin is being displaced in said secondary section said ~~turning assumes said operational position and member~~ causes the elongated wood piece to turn on the conveyor.

12. (WITHDRAWN) ~~A method for turning an elongated wood piece carried by a conveyor, comprising the steps of:~~  
a) ~~providing a sensor to determine if a wood piece is to be turned on the conveyor, and~~  
b) ~~providing a motorised turning member automatically operated if it has been determined in step a) that the wood piece is to be turned such as to cause the elongated wood piece to be turned on the conveyor by said turning member to a desired position.~~